

WHAT IS CLAIMED IS:

1. A printing apparatus for effect printing
using a recording head mounted thereto, said apparatus
including communicating means for communication with
5 an information processing apparatus, said apparatus
comprising:

control means for determining a kind of
device among a plurality of kinds in response to a
predetermined operation for setting the kind of the
10 printing apparatus, and operable for the kind thus
determined;

discrimination means for discriminating
whether the kind of device is determined or not; and

communication control means for controlling
15 communication with the information processing
apparatus by the communicating means in accordance
with a result of discrimination of said discrimination
means.

20 2. An apparatus according to Claim 1, wherein
when the result of the discrimination is negative,
said communication control means effects control so as
not to respond to a command inquiring information on
the kind of device received from the information
25 processing apparatus.

3. An apparatus according to Claim 1, wherein

when the result of the discrimination is negative,
said communication control means effects control so as
to prevent communicating operation by said
communicating means.

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4. An apparatus according to Claim 1, wherein
said control means determines the kind of device of
the printing apparatus by read information relating to
kinds of devices out of memory provided in the
10 recording head in response to an operation of mounting
the recording head to the printing apparatus.

5. An apparatus according to Claim 1, wherein
said recording head is an ink jet head for effecting
15 the recording by ejecting ink, and said printing
apparatus including an ink container mounting portion
for detachably mountable mounting an ink container
containing the ink, and wherein said control means
determines the kind of the printing apparatus by
20 reading information of the kind of device stored in
the memory which is provided in the ink container
mounted to said ink container mounting portion. Said
control means determines the kind of said printing
apparatus by reading information of the kind of device
25 stored in the memory which is provided in the ink
container mounted to said ink container mounting
portion.

6. An apparatus according to Claim 1, wherein
said recording head is an ink jet head for effecting
the recording by ejecting ink, and said printing
apparatus including an ink container mounting portion
5 for detachably mountable mounting an ink container
containing the ink, and wherein said control means
checks correspondence between information on the kind
of device read out of head memory provided in a
recording head mounted thereto and information on the
10 kind of device read out of container memory provided
in the ink container mounted to the ink container
mounting portion, and determines the kind when the
kinds are discriminated as corresponding to each
other.

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7. An apparatus according to Claim 1, further
comprising discrimination means for discriminating a
kind of the recording head mounted to said apparatus,
wherein said control means determines the kind of
20 device of said printing apparatus in accordance with a
kind of the recording head mounted thereto.

8. An apparatus according to Claim 7, wherein
said recording head is an ink jet head for effecting
25 recording by ejection of ink, and said printing
apparatus further including an ink container mounting
portion for detachably mounting an ink container

containing the ink and container discrimination means
for discriminating a kind of said ink container, and
wherein said control means determines a kind of said
printing apparatus on the basis of a result of
5 discrimination of said recording head by said
discrimination means and a result of discrimination of
a kind of said ink container by said container
discrimination means.

10 9. An apparatus according to Claim 1, wherein
said recording head is an ink jet head for effecting
the recording by ejecting ink, and said printing
apparatus including an ink container mounting portion
for detachably mounting an ink container containing
15 the ink and discrimination means for discriminating a
kind of said ink container mounted to the apparatus,
wherein said control means determines a kind of said
printing apparatus in accordance with a kind of said
ink container mounted thereto.

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10. An apparatus according to Claim 1, further
comprising storing means for storing setting
information corresponding to kinds of devices with
which said printing apparatus is compatible, wherein
25 said control means reads the setting information
corresponding to the determined kind of device out of
said storing means, and controls said printing

apparatus so as to operate as the kind of device determined in accordance with the setting information.

11. An apparatus according to Claim 1, further
5 comprising storing means for storing the information on the determined kind of device, wherein said discrimination means discriminates non-determination of the kind of device when said storing means does not have the information on the kind of device.

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12. An apparatus according to Claim 1, wherein said control means discriminates whether operations for setting the kind of device are in conformity with each other or not, and determines the kind of device
15 of said printing apparatus when a result of discrimination is affirmative.

13. An apparatus according to Claim 1, wherein said control means effects starting process within a
20 range discriminatable by said discrimination means in the starting process upon actuation of a main switch of said printing apparatus, and after the discrimination of said discrimination means, said control means controls the apparatus so as to carry
25 out another starting process.

14. An apparatus according to Claim 13, wherein

said control means does not effect a starting process for said communicating means in a starting process upon actuation of the main switch of said printing apparatus, and after a discriminating operation of
5 said discrimination means as to whether the kind of device of said printing apparatus is determined or not, said control means controls the apparatus so as to carry out the starting process for said communicating means.

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15. A control method for a printing apparatus for effecting printing using a recording head mounting thereto, said apparatus including communicating means for communication with an information processing
15 apparatus, said method comprising:

a step of determining a kind of device among a plurality of kinds in response to a predetermined operation for setting the kind of the printing apparatus, and operable for the kind thus determined;

20 a step of discriminating whether the kind of device is determined or not; and

a control step of controlling said apparatus in accordance with the determined kind of device, and controlling the communication of said communicating
25 means with an information processing apparatus, when a result of the discrimination is affirmative.

16. A method according to Claim 15, wherein said control step, when a result of the discrimination of said discrimination step is negative, controls the apparatus so as not to respond to a command inquiring
5 information on the kind of device received from the information processing apparatus.

17. A method according to Claim 15, wherein said control step, when a result of the discrimination of
10 said discrimination step is negative, controls said communicating means so as not to effect its communicating operation.

18. A method according to Claim 15, wherein said
15 determining step determines the kind of device of said printing apparatus on the basis of information obtained from the recording head mounted thereto.

19. A method according to Claim 15, wherein said
20 recording head effects the recording by ejecting ink, and wherein said determining step determines, when an ink container containing the ink to be supplied to said recording head is mounted, determines the kind of device of said printing apparatus on the basis of
25 information obtained from the ink container mounted thereto.

20. A method according to Claim 15, wherein said
recording head effects recording by ejecting ink, and
an ink container containing the ink to be supplied to
said recording head is mountable to said printing
5 apparatus, wherein said determining step determines
said printing apparatus when information obtained from
said recording head mounted thereto and information
obtained from the ink container mounted thereto
correspond to each other.

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